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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/679,782	10/06/2003	Marie Angelopoulos	FIS920030196US1	3728
23389	7590	09/30/2005	EXAMINER	
SCULLY SCOTT MURPHY & PRESSER, PC 400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530			LEE, SIN J	
		ART UNIT	PAPER NUMBER	
		1752		

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/679,782	ANGELOPOULOS ET AL.
	Examiner Sin J. Lee	Art Unit 1752

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 11 July 2005.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-29 is/are pending in the application.
 4a) Of the above claim(s) 14-29 is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1,2,6,7 and 11-13 is/are rejected.
 7) Claim(s) 3-5 and 8-10 is/are objected to.
 8) Claim(s) 1-29 are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 06 October 2003 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>10-6-03</u>	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

1. Applicant's election without traverse of Group I (claims 1-13) in the reply filed on July 11, 2005 is acknowledged. Claims 14-29 are withdrawn from consideration as not directed to the elected invention.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 6, 7, and 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Mori et al (JP 2001-055512, its Chem. Abstract 134:179709, and its machine-assisted English translation provided by Japan Patent Office).

Full formal English translation of the Japanese document has been submitted. Only Chem. Abstract and the machine translation are available at this time. Mori teaches a crosslinkable silicon polymer composition which is useful for plasma-etchable antireflective films (see Chem. Abstract). The composition contains (a) Si polymers having *Si-Si bond* and 2 or more of Si-H group, (b) crosslinking agent which has two or more ethynyl groups in a molecule and (c) a hydrosilylation catalyst. Upon heating, the addition reaction of the Si-H radical (of the silicon polymer) and the ethynyl group (of the crosslinking agent) form a solvent-insoluble, crosslinked film (see Chem. abstract and [0008]-[0009] of machine translation). In his Example, Mori uses a polysilane of formula

$[(\text{MePhSi})_2(\text{MeHSi})_2(\text{Me}_2\text{Si})_2]_n$ as his Si polymer (see Chem. abstract and [0013], [0014], and [0040] of machine translation). Therefore, the prior art teaches present inventions of claims 1, 6, 7, 12 and 13 (the phenyl group in Mori's polysilane teaches present chromophore moiety and the Si-H group of Mori's polysilane teaches present reactive site). Also, Mori also teaches present inventions of claims 2 and 11 because the present claim language of claims 2 and 11 does *not* require that the silicon polymer of claim 1 comprises $\text{Si}-(\text{Si})_n$ moieties in the side group. It only requires that when the $\text{Si}-(\text{Si})_n$ moieties is in the side group, then the moieties comprise formula I, II or III.

Allowable Subject Matter

4. Claims 3-5 and 8-10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Mori does not teach or suggest present acid generator of claim 3. Mori does not teach or suggest present chromophore moieties of claim 8, which contains linear alkyl, branched alkyl or cycloalkyl. Mori does not teach or suggest present crosslinking compound of claim 9.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sin J. Lee whose telephone number is 571-272-1333. The examiner can normally be reached on Monday-Friday from 9:00 am EST to 5:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly, can be reached on 571-272-1526. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

S. f. L.

S. Lee
September 18, 2005

Sin J. Lee
SIN LEE
PRIMARY EXAMINER